Indicators 9 & 10: Calculating Disproportionate Representation Due to Inappropriate Identification

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Indicator 9 & 10: Language in the SPP/APR

The measurements for these SPP/APR indicators are as follows:

<u>Indicator 9</u> - Percent of divisions with disproportionate representation of racial and ethnic groups in special education and related services that is the result of inappropriate identification; and

<u>Indicator 10</u> - Percent of divisions with disproportionate representation of racial and ethnic groups in specific disability categories that is the result of inappropriate identification.



Indicator 9 & 10: OSEP Required Data Source and Measurement

Data sources include data collected on Table 1 (December 1 Child Count), Fall Membership; and

The VDOE uses a two-step analysis to determine disproportionality.

- First, a risk ratio measure is applied to division level data to identify potential disproportionality;
- Second, the division conducts an analysis of individual student records to determine if the disproportionate representation is due to inappropriate identification.

Indicator 9 & 10: Virginia Methodology

For step one, Virginia applied a form of the risk ratio recommended by OSEP, the same option chosen by 44 states to meet the requirements of Indicator 9 and 10.

The computation was calculated at the division level and a small n filter was applied to control for very small populations.



Indicator 9 & 10: Virginia Specific Criteria

<u>Potential Disproportionality</u> – The degree to which students in specific racial groups may or may not be at higher risk for being identified as having a disability and/or in a specific disability category compared to students not in that racial group.



Virginia's Formula: Special Education Identification (Indicator 9)

Divisions with <10 SWD in the specific racial group are excluded from the calculation

Count of SWD who are in the specific racial group (Fall Membership)

Count of all students who are in the specific racial group (Fall Membership)

Count of SWD who are <u>not</u> in the specific racial group (Fall Membership)

Count of all students who are not in the specific racial group (Fall Membership)

Divisions with <50 SWD in the comparison group are excluded from the calculation



Virginia's Formula: Disability Category (Indicator 10)

Divisions with <10 SWD in the specific racial group are excluded from the calculation

Count of SWD who are in the specific racial group and have a specific disability (December 1 Child Count)

Count of all students who are in the specific racial group (Fall Membership)

Count of SWD who are <u>not</u> in the specific racial group and have a specific disability (December 1 Child Count)

Count of all students who are <u>not</u> in the specific racial group (Fall Membership)

Divisions with <50 SWD in the comparison group are excluded from the calculation



Indicator 9 & 10: Disproportionate Representation

Divisions that meet the established small n requirements and exceed the risk ratio threshold of <u>2.0</u> will be deemed to have disproportionate representation. Therefore, required to complete the second step of the analysis of individual student records to determine if the disproportionate representation is due to inappropriate identification.



Indicator 9: Jefferson County Example

Example - Jefferson County

Race/ Ethnicity	Fall Membership (SWD)	Fall Membership (All Students)
White	140	1557
Black	34	161
Hispanic	6*	48*

^{*} Minimum cell size not met

Calculation - Jefferson County (Black)

$$\frac{(34/161)}{(146/1605)}$$

$$=$$
 $\frac{(0.21)}{(0.09)}$

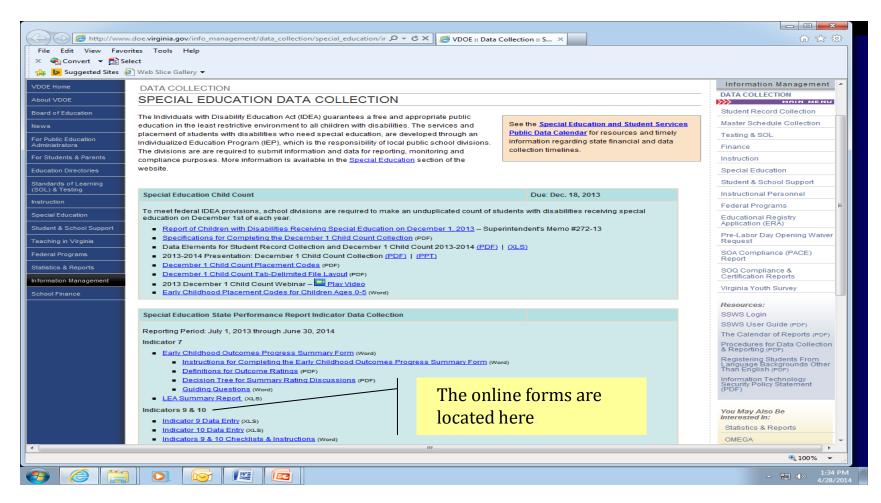


Indicator 9 & 10: Disproportionate Representation

This measurement is <u>not</u> to be confused with <u>significant</u> <u>disproportionality</u> based on race and ethnicity as specified in §300.646(b)(2) of the IDEA regulations which requires the school division to reserve the maximum amount of funds under section 613(f) of the Act to provide comprehensive coordinated early intervening services (CEIS) to serve children in the division.



Indicator 9 & 10: Online Forms



http://www.doe.virginia.gov/info_management/data_collection/special_education/index.shtml



Indicator 9 & 10: Questions

If you have any questions about the data analysis for your school division, please contact Jeff Phenicie, APR coordinator, at (804) 786-0308 or

<u>Jeff.Phenicie@doe.virginia.gov</u>

If you have questions about the instructions, online forms, or submission to the VDOE, please contact Vivian Stith-Williams, education specialist, at (804) 225-4543 or

Vivian.Stith-Williams@doe.virginia.gov

